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SEED ANALYSES REPORT

1941

JOHN H. LIGHT
Secretary of Agriculture

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SEED REPORT - 1941

The Pennsylvania Seed Law requires that all farm seeds sold, offered or exposed for sale in quantities of ten pounds or more, must be tagged. The tag must show the analysis and the percentage of germination with the date when the germination test was made. The seedsman may deliver the tag to the purchaser, or else tag the bag or container in which the seeds are exposed or offered for sale. If the former method is used, the seedsman sometimes forgets to deliver the tag to the purchaser. The seedsman who displays or offers the seed for sale should make sure that the tag is attached to the bag or container in a conspicuous place where the purchaser can see it.

Retailer and Wholesaler Responsible

Both retailer and wholesaler within the state are responsible, but the retailer should always demand that the wholesaler shall tag the bag, giving the information required by the Pennsylvania Seed Law. If the retailer suspects that the seed is not properly labeled, or is not of good quality, he should have it tested. This may be done by sending a sample to a commercial seed laboratory or, with a fee of twenty-five cents per sample, to the Bureau of Plant Industry, Department of Agriculture, Harrisburg, Pa.

Information Required on Tag

It is a violation of the Seed Law to sell seeds unless the following information is given on the tag:

1. Common name of seed.
2. Percentage of purity.
3. Percentage of weed seeds.
4. Name and number per ounce of the noxious weeds present.
5. Percentage of germination with date when test was made.
6. Name and address of the retailer.
   The requirements for mixtures are somewhat different. (See Sections 5 and 6 of Seed Law).

Prohibited

It is unlawful to sell the following:

1. Seeds that contain more than 3% weed seeds.
2. Seeds that contain more than one seed of dodder or one seed of Canada thistle in five grams.

Penalty

A violation of the Seed Law is a misdemeanor for which a maximum of two hundred dollars may be imposed.

Visitations by Representatives of the Department

It is the rule of the Department of Agriculture to have its agents visit each seedsman at least once a year. If the bags are properly tagged at all times, the seedsmans will always be ready for the agent.

There are approximatley 2,400 seedsmen in Pennsylvania whom the seed agents visit annually. Samples drawn from the seeds offered for sale are sent to the Seed Laboratory where they are carefully examined, analyzed for purity and tested for germination by trained seed analysts. If it is found that the seeds are below the standards of quality set by the Seed Law or are not as represented, they are taken from the market or the penalties provided by the law are imposed.

The value of the seed inspection work to farmers and seedsmen of the state may be summarized as follows:

1. The farmer is informed as to the quality of seeds offered for sale and protected against dishonest seedsmen, many of whom are outside of the state.

2. The farmer secures a better quality of seeds, higher in purity and germination, which are basic factors in securing a good crop and better returns for their labor.

3. It prevents the sale of seeds which contain an excess amount of weed seeds as well as the seeds of noxious weeds.

4. The honest seed dealer is protected against the dishonest dealer who would otherwise sell low quality seeds.

It is gratifying to be able to report that most of the wholesale and retail seedsmen are cooperating in carrying out the provisions of the Seed Law. The result is that the farmer is receiving a better grade of seed than ever before. There are still some farmers who buy on price instead of quality, and there are a few seedsmen who handle a poor grade of seeds.

During the year 1941, the Seed Laboratory has examined approximately 2,200 samples of seeds collected and received from seed dealers and farmers in the State, and for seed certification and other state agencies.

The following tables give a general summary of the seed work for the year 1941. Inspection samples are listed in Tables I, II and III. Table IV lists the samples analyzed and tested for farmers and seedsmen, for which a fee of twenty-five cents per sample was paid. Included in this list are many samples of home-grown seed, the purity of which is materially lowered by a high content of inert matter and weed seeds. The fact revealed in columns four, five and six indicates the farmers' lack of seed cleaning facilities. Sowing poorly cleaned seed results in weed infested fields and crop losses.

TABLE I - SEED SAMPLES WHICH ARE BELOW STANDARD SET BY THE PENNSYLVANIA SEED LAW, GIVING WHOLESALER AND RETAILER OF THE SEEDS - 1941

No. and Name of Sample				Purity P. Ct.	Crop Seeds P. Ct.	Inert P. Ct.	Weed Seeds P. Ct.	Germ. P. Ct.	Remarks
A410576	Wholesaler	R. S. Altman, Irwin, Pa.	G.	99.29	0.06	---	0.06	84.00	Tolerance
Wh.B.Sweet clover	Retailer	Altman's Cash Feed Store, Pittsburgh,Pa.	F.	95.74	3.94	0.31	0.01		Exceeded
A410635	Wholesaler	Belt Seed Co., Baltimore, Md.	G.	99.04	---	0.58	0.38	85.00	Tolerance in
Red clover	Retailer	G. M. Dietrick, Williamson, Pa.	F.	98.47	0.30	0.33	0.90		Weed Seeds Exceeded
A411286	Wholesaler	Alfred W. Chandler, Cleveland, Ohio	G.	99.50	----	---	0.15	85.00	Tolerance
Red clover	Retailer	Paul Snyder, Greenville, Pa.	F.	95.27	4.31	0.27	0.15		Exceeded
A410954	Wholesaler	U. J. Cover Seed Co., Mt. Gilead, Ohio	G.	99.50	0.16	0.22	0.12	90.00	Tolerance
Red clover	Retailer	Corcelius Hardware, Huntingdon, Pa.	F.	97.86	1.42	0.12	0.60		Exceeded
A410955	Wholesaler	U. J. Cover Seed Co., Mt. Gilead, Ohio	G.	99.50	0.15	0.26	0.09	90.00	Tolerance
Wh.B.Sweet clover	Retailer	Corcelius Hardware, Huntingdon, Pa.	F.	92.94	6.98	0.06	0.02		Exceeded
A411141	Wholesaler	U. J. Cover Seed Co., Mt. Gilead, Ohio	G.	99.50	0.21	0.20	0.09	90.00	Tolerance
Red clover	Retailer	Fred Crawford, Everett, Pa.	F.	97.46	2.12	0.23	0.19		Exceeded
A410002	Wholesaler	U. J. Cover Seed Co., Mt. Gilead, Ohio	G.	98.50	0.45	0.70	0.35	90.00	Tolerance
Alsike clover	Retailer	Lewis H. Dersham, Mifflinburg, Pa.	F.	95.68	3.22	0.73	0.27		Exceeded
A410205	Wholesaler	U. J. Cover Seed Co., Mt. Gilead, Ohio	G.	99.50	0.21	0.20	0.09	90.00	Tolerance
Red clover	Retailer	D. H. Latshaw, Bechtelsville, Pa.	F.	98.71	0.95	0.23	0.11		Exceeded
A410941	Wholesaler	Farm Service Co., Minneapolis, Minn.	G.	99.80	----	0.05	0.15	94.00	Tolerance
Timothy	Retailer	Bakers Feed Store, Martinsburg, Pa.	F.	98.10	0.60	0.19	1.11		Exceeded
A410927	Wholesaler	Henry Hirsch & Sons, Toledo, Ohio	G.	99.60	0.19	0.09	0.12	80.00	Tolerance
Wh. B.Sweet clover	Retailer	P. B. Furry, Loysburg, Pa.	F.	96.98	2.65	0.02	0.35		Exceeded
A411143	Wholesaler	Henry Hirsch & Sons, Toledo, Ohio	G.	99.65	0.09	0.12	0.14	92.00	Tolerance
Wh.B.Sweet clover	Retailer	General Mills, Johnstown, Pa.	F.	94.16	5.62	0.14	0.08		Exceeded
A410544	Wholesaler	Henry Hirsch & Sons, Toledo, Ohio	G.	99.60	0.19	0.09	0.12	80.00	Tolerance
Wh.B.Sweet clover	Retailer	Roth Milling Co., Prospect, Pa.	F.	96.87	2.91	0.05	0.17		Exceeded
A410766	Wholesaler	Henry Hirsch & Sons, Akron, Ohio	G.	99.60	0.19	0.09	0.12	80.00	Tolerance
Wh.B.Sweet clover	Retailer	M. E. Sibble, St. Petersburg, Pa.	F.	97.17	2.64	0.08	0.11		Exceeded
A411252	Wholesaler	Livingston Seed Co., Columbus, Ohio	G.	99.60	---	0.26	0.14	80.00	Tolerance
Wh.B.Sweet clover	Retailer	Minner & Lamb, New Wilmington, Pa.	F.	96.41	3.19	0.37	0.03		Exceeded
A411328	Wholesaler	Livingston Seed Co., Columbus, Ohio	G.	99.60	0.08	0.20	0.12	92.00	Tolerance
Wh.B.Sweet clover	Retailer	P. J. Oesterling & Son, Karns City,R.D.	F.	93.82	5.77	0.28	0.13		Exceeded
A410558	Wholesaler	Livingston Seed Co., Columbus, Ohio	G.	99.60	0.00	0.30	0.10	80.00	Tolerance
Wh.B.Sweet clover	Retailer	H. G. West, Slippery Rock, Pa.	F.	95.19	4.39	0.24	0.18		Exceeded
A411374	Wholesaler	Mayer Grain Co., So. Whitley, Ind.	G.	99.67	0.18	0.13	0.02	76.00	Tolerance
Wh.B.Sweet clover	Retailer	Wilson & Co., Grove City, Pa.	F.	93.96	5.80	0.13	0.11		Exceeded
A410653	Wholesaler	Mays Seed Co., Weiser Park, Pa.	G.			27.25	6.79		Tolerance in weed
Hay & Pasture	Retailer	Wagner Bros., Hummelstown, Pa.	F.				8.15		& noxious weed seeds
mixture									exceeded
A410442	Wholesaler	Mays Seed Co., Weiser Park, Pa.	G.			27.25	6.79		Tolerance in weed
Hay & Pasture	Retailer	John L. Zug, Richland, Pa.	F.				8.02		& noxious weed seeds
mixture									exceeded
A410027	Wholesaler	L. Teweles Seed Co., Milwaukee, Wis.	G.	99.81	0.02	0.02	0.15	92.00	Label
Wh.B.Sweet clover	Retailer	F. P. Cassel & Son, Lansdale, Pa.	F.						Misleading

TABLE I - SEED SAMPLES WHICH ARE BELOW STANDARD SET BY THE PENNSYLVANIA SEED LAW, GIVING WHOLESALER AND RETAILER OF THE SEEDS - 1941 (Concluded)

No. and Name of Sample				Purity P. Ct.	Crop Seeds P. Ct.	Inert P. Ct.	Weed Seeds P. Ct.	Germ. P. Ct.	Remarks
A410482 Alsike clover	Wholesaler	N. Wertheimer & Sons, Buffalo, N. Y.	G.	97.11	0.63	1.16	1.00	83.00	Tolerance in Weed
	Retailer	Freyermuth Mills, Franklin, Pa.	F.	96.22	0.47	1.47	1.84		Seeds Exceeded
A410483 Red clover	Wholesaler	N. Wertheimer & Sons, Buffalo, N. Y.	G.	98.28	0.11	0.10	0.51	90.00	Tolerance
	Retailer	Freyermuth Mills, Franklin, Pa.	F.	84.35	14.60	0.28	0.77		Exceeded
A410616 Wh.B.Sweet clover	Wholesaler	N. Wertheimer & Sons, Ligonier, Ind.	G.	99.51	----	0.47	0.02	75.00	Tolerance
	Retailer	Kenneth S. Glazier, McConnellsburg, Pa.	F.	95.19	3.87	0.86	0.08		Exceeded
A410357 Wh.B.Sweet clover	Wholesaler	N. Wertheimer & Sons, Ligonier, Ind.	G.	99.51	----	0.47	0.02	75.00	Tolerance
	Retailer	H. L. Obert, Dushore, Pa.	F.	96.26	3.02	0.55	0.17		Exceeded
A410957 Wh.B.Sweet clover	Wholesaler	N. Wertheimer & Sons, Ligonier, Ind.	G.	99.50	0.15	0.25	0.10	87.00	Label
	Retailer	John G. Simpson Est., Huntingdon, Pa.	F.						Misleading
A411234 Millet	Wholesaler	Whitney-Eckstein Seed Co., Buffalo, N.Y.	G.	99.46	----	0.22	0.32	85.00	Tolerances
	Retailer	Rochester Seed & Sup.Co., Rochester,Pa.	F.	97.15	0.03	1.29	1.53		Exceeded
A411468 Timothy	Wholesaler		G.	99.80	0.05	0.10	0.05	90.00	Mislabeled. This is
	Retailer	Kline's Flour Mills, Brookville, Pa.	F.	Red cl. 51.76 Timothy 47.84	0.17	0.16	0.07		a mixture
A411449 Timothy	Wholesaler		G.	99.80	0.05	0.10	0.05	90.00	Mislabeled. This is
	Retailer	Harry Morrison, Corsica, Pa.	F.	Red cl. 56.46 Timothy 43.33	0.11	0.06	0.04		a mixture

Red clover	Retailer	* H. P. Dysons & Sons, Boiling Springs, Pa.
Sweet clover		* Farmers' Hardware Co., Bedford, Pa.
Timothy		* K. Kunsman, Hellertown, Pa.
Alfalfa		* W. C. Morrow, Tyrone, Pa.
Alfalfa		* W. H. Murphy, R.3, Mechanicsburg, Pa.
Oats		* Peoples Cash Feed Store, Mercersburg, Pa.
Alfalfa		* H. K. Shenk, Sheridan, Pa.

* Tag or label giving information of seed analysis was not attached to container of seed.

TABLE II - WHOLESALERS FROM WHOM RETAILERS, LISTED IN TABLES I AND III, PURCHASED SEEDS IN 1941.

WHOLESALER	ADDRESS	SAMPLES COLLECTED TOTAL	LEGAL	ILLEGAL
ACKERMAN SEED COMPANY	Lima, Ohio	19	19	0
ALLIED SEED COMPANY	Fort Wayne, Indiana	3	3	0
ALTMAN, R. S.	Irwin, Pa.	33	32	1
AMERICAN HARDWARE SUPPLY CO.	Pittsburgh, Pa.	1	1	0
ASSOCIATED SEED GROWERS	Indianapolis, Ind.	2	2	0
ATLANTIC SEED COMPANY	Philadelphia, Pa.	45	45	0
BELT SEED COMPANY	Baltimore, Maryland	74	73	1
BLAMBERG BROTHERS	Baltimore, Maryland	9	9	0
BUCKEYE HYBRIDS, INC.	Marion, Ohio	1	1	0
BUIST COMPANY, ROBERT	Philadelphia, Pa.	1	1	0
CHANDLER, ALFRED W.	Cleveland, Ohio	1	0	1
CONE, ARTHUR R.	Buffalo, New York	8	8	0
CORNELI SEED COMPANY	St. Louis, Missouri	4	4	0
COVER SEED COMPANY, U.J.	Mt. Gilead, Ohio	11	6	5
DICKINSON SEED COMPANY, ALBERT	Buffalo, New York	3	3	0
DICKINSON SEED COMPANY, ALBERT	Chicago, Illinois	68	68	0
CLEVELAND GRAIN COMPANY	Cleveland, Ohio	2	2	0
CRAVER-DICKINSON SEED COMPANY	Buffalo, New York	11	11	0
DOUGHTEN SEED COMPANY	Jersey City, N. J.	3	3	0
DREER, INC., HENRY A.	Philadelphia, Pa.	3	3	0
DURYEA SEED COMPANY, INC.	New York, N. Y.	1	1	0
DYSON, H. P.	New Bloomfield, Pa.	1	1	0
EASTERN STATES FARMERS EXCHANGE	Springfield, Mass.	36	36	0
EMPIRE PRODUCE COMPANY	Elmira, New York	1	1	0
FARM SERVICE COMPANY	Minneapolis, Minn.	1	0	1
FARMERS' SUPPLY COMPANY	Lancaster, Pa.	3	3	0
FLOWER & COMPANY, S. W.	Toledo, Ohio	1	1	0
GENERAL MILLS	Johnstown, Pa.	1	1	0
GING AND COMPANY	Farina, Ill.	1	1	0
G. L. F. MILLS	Buffalo, New York	88	88	0
G. L. F. MILLS	Mansfield, Pa.	1	1	0
GOOD TURF GRASS SEED COMPANY	Fredonia, New York	1	1	0
GUNSON & COMPANY, L. P.	Rochester, New York	2	2	0
HENNING BROTHERS	Hicksville, Pa.	1	1	0
HIRSCH & SONS, HENRY	Akron, Ohio	34	33	1
HIRSCH & SONS, HENRY	Toledo, Ohio	84	81	3
HOFFMAN, INC., A. H.	Landisville, Pa.	26	26	0
HOUCK & SON, E. J.	Bangor, Pa.	46	46	0
INDIANA SEED COMPANY	Indianapolis, Ind.	1	1	0
KOLLMAN WARNER COMPANY	Iowa City, Iowa	1	1	0
LANDRETH SEED COMPANY, D.	Bristol, Pa.	1	1	0
LIVINGSTON SEED COMPANY	Columbus, Ohio	107	104	3
LIVINGSTON SEED COMPANY	Cincinnati, Ohio	1	1	0
MASTERS FEED & SEED COMPANY	Alliance, Ohio	18	18	0
MAYER GRAIN COMPANY	So.Whitley, Ind.	9	8	1
MAYS SEED COMPANY	Weiser Park, Pa.	50	48	2
McCULLOUGH SEED CO.,	Cincinnati, Ohio	5	5	0
MICHAEL-LEONARD SEED COMPANY	Chicago, Ill.	1	1	0
NOBLE BROTHERS	Gibson City, Ill.	3	3	0
NORTHRUP KING & COMPANY	Minneapolis, Minn.	2	2	0
O. & M. SEED COMPANY	Green Springs, Ohio	8	8	0
OESTERLING & SON, P. J.	Butler, Pa.	2	2	0
PENNSYLVANIA FARM BUR. ASSOC.	Harrisburg, Pa.	58	58	0
PHILADELPHIA SEED COMPANY	Philadelphia, Pa.	142	142	0
REIST SEED COMPANY, THE	Lancaster, Pa.	6	6	0
RICHARDSON & CO., E. MILLER	Baltimore, Maryland	1	1	0
ROE, W. D.	Suthersville, Maryland	1	1	0
RUDY-PATRICK SEED COMPANY	Kansas City, Mo.	1	1	0
RYCHENER, S.	Pettisville, Ohio	2	2	0
SCARLETT & COMPANY, WM. C.	Baltimore, Maryland	42	42	0
SCOTT COMPANY, I. W.	Pittsburgh, Pa.	3	3	0
SEABOARD SEED COMPANY	Philadelphia, Pa.	111	111	0
SHELDON SEED COMPANY	Buffalo, N. Y.	12	12	0
SHULTZ SEED COMPANY	Olney, Illinois	1	1	0

TABLE II - WHOLESALERS FROM WHOM RETAILERS, LISTED IN TABLES I AND III, PURCHASED SEEDS IN 1941 (Concluded)

WHOLESALER	ADDRESS	SAMPLES COLLECTED		
		TOTAL	LEGAL	ILLEGAL
STANFORD SEED COMPANY	Binghamton, New York	4	4	0
STANFORD SEED COMPANY	Buffalo, New York	14	14	0
STANFORD SEED COMPANY	Columbus, Ohio	1	1	0
STANFORD SEED COMPANY	Pittsburgh, Pa.	125	125	0
STUMPP & WALTERS COMPANY	New York, N. Y.	1	1	0
TEWELES SEED COMPANY, L.	Milwaukee, Wis.	1	0	1
TIOGA MILLS, INC.	Waverly, New York	1	1	0
WERTHEIMER & SONS, N.	Buffalo, N. Y.	8	6	2
WERTHEIMER & SONS, N.	Ligonier, Ind.	40	37	3
WHITNEY-ECKSTEIN SEED CO.	Buffalo, N. Y.	33	32	1

TABLE III - RETAILERS OF FARM SEEDS, FROM WHOM SAMPLES WERE COLLECTED IN THE ENFORCEMENT OF THE PENNSYLVANIA SEED LAW, 1941.

RETAILER	ADDRESS	SAMPLES COLLECTED TOTAL	LEGAL	ILLEGAL
ADAMS CO.FARM BUR.COOP.ASSOC.	Gettysburg, Pa.	1	1	0
ALTEMOSE, R. W.	Brodheadsville,Pa.	3	3	0
ALTMAN'S CASH FEED STORE	Altoons, Pa.	3	3	0
ALTMAN'S CASH FEED STORE	Bedford, Pa.	5	5	0
ALTMAN'S CASH FEED STORE	Butler, Pa.	5	5	0
ALTMAN'S CASH FEED STORE	Carlisle, Pa.	1	1	0
ALTMAN'S CASH FEED STORE	Chambersburg, Pa.	1	1	0
ALTMAN'S CASH FEED STORE	Ebensburg, Pa.	2	2	0
ALTMAN'S CASH FEED STORE	Etna, Pa.	6	6	0
ALTMAN'S CASH FEED STORE	Everett, Pa.	1	1	0
ALTMAN'S CASH FEED STORE	Hollidaysburg, Pa.	3	3	0
ALTMAN'S CASH FEED STORE	Johnstown, Pa.	3	3	0
ALTMAN'S CASH FEED STORE	Kittanning, Pa.	5	5	0
ALTMAN'S CASH FEED STORE	New Brighton, Pa.	5	5	0
ALTMAN'S CASH FEED STORE	Somerset, Pa.	3	3	0
ALTMAN'S CASH FEED STORE	Pittsburgh, Pa.	12	11	1
ALTMAN'S CASH FEED STORE	Turtle Creek, Pa.	3	3	0
ANDERSON BROTHERS	New Park, Pa.	1	1	0
ANDERSON & BROTHER, CLAY	Stewartstown, Pa.	1	1	0
ANDERSON FEED STORE	Summerville, Pa.	2	2	0
ANDERSON GRAIN & FEED CO.	York, Pa.	2	2	0
ARMSTRONG CO.FARM BUR. COOP.ASSOC.	Kittanning, Pa.	8	8	0
ATLANTIC SEED CO.	Philadelphia, Pa.	4	4	0
BACHMAN FEED CO., THE	Kittanning, Pa.	4	4	0
BAKERS FEED STORE	Martinsburg, Pa.	1	0	1
BALTHASER & MOYER	Hamburg, Pa.	1	1	0
BARD, R. A.	Leacock, Pa.	2	2	0
BARD HARDWARE CO.	Reading, Pa.	1	1	0
BARE MILLING CO.	Roaring Springs,Pa.	2	2	0
BARRETT, JAMES D.	Doulestown, Pa.	1	1	0
BEAN, C. H.	Creamery, Pa.	1	1	0
BEATTY, JOE	Eau Claire, Pa.	4	4	0
BEATTY, W. C.	Knox, Pa.	1	1	0
BECHERSTAFF, A. W.	Aliquippa, Pa.	4	4	0
BECHTEL, EDWIN C.	W. Leesport, Pa.	1	1	0
BECKER, J. E.	Stevens, Pa.	1	1	0
BECK'S FEED & GRAIN SERVICE	Kutztown, Pa.	1	1	0
BELL BROTHERS	West Middlesex,Pa.	4	4	0
BEERITS, H. C.	Somerset, Pa.	1	1	0
BERKS CO. COOP. ASSOC.	Reading, Pa.	4	4	0
BERLIN FEED CO.	Berlin, Pa.	3	3	0
BIESECKER & SONS, J. F.	Thomasville, Pa.	1	1	0
BIGLERVILLE WAREHOUSE CO.	Biglerville, Pa.	1	1	0
BIXLER & SON, J. P.	Carlisle, Pa.	2	2	0
BLAKES HARDWARE	Brookville, Pa.	3	3	0
BLEISTINE, LEO S.	Myerstown, Pa.	1	1	0
BOLTON SEED COMPANY	Millersburg, Pa.	2	2	0
BOWSER, A. S.	Kittanning, Pa.	2	2	0
BOYER, ABNER	Slatington, Pa.	1	1	0
BOYER, HENSINGER & KLEPPINGER	Fleetwood, Pa.	2	2	0
BRANDT, A. M.	Campbelltown, Pa.	1	1	0
BRANDT, V. Y.	East Berlin, Pa.	1	1	0
BRIGGS MILLING CO.	Waterford, Pa.	6	6	0
BRIGHT, WILLIS L.	Bernville, Pa.	1	1	0
BRINTON & SON, EDW.	West Chester, Pa.	4	4	0
BROOKVILLE HARDWARE	Brookville, Pa.	5	5	0
BROWN & REA	Atglen, Pa.	2	2	0
BROWN'S SONS, F. M.	Birdsboro, Pa.	3	3	0
BROWN'S SONS, F. M.	Sinking Springs,Pa.	2	2	0
BROWN'S SONS, JOHN	New Castle, Pa.	2	2	0
BROWN'S SONS, JOHN S.	New Wilmington,Pa.	6	6	0
BURCHFIELD, W. M.	Martinsburg, Pa.	3	3	0
BURGER, CARL O.	Waterford, Pa.	4	4	0
BURNHAM FEED COMPANY	Tyrone, Pa.	3	3	0
BEST & SCHMOYER	Schnecksville, Pa.	1	1	0

TABLE III - RETAILERS OF FARM SEEDS, FROM WHOM SAMPLES WERE COLLECTED IN THE ENFORCEMENT OF THE PENNSYLVANIA SEED LAW, 1941 (Continued)

RETAILER	ADDRESS	SAMPLES COLLECTED TOTAL	LEGAL	ILLEGAL
BUTZ BROTHERS	East Texas, Pa.	2	2	0
CANFIELD BROTHERS	Bartonsville, Pa.	7	7	0
CASH FEED & SUPPLY CO.	Huntingdon, Pa.	2	2	0
CASSEL & SON, F. P.	Lansdale, Pa.	5	4	1
CHALFONT GRANGE	Chalfont, Pa.	5	5	0
CHAMBERSBURG GRAIN CO.	Chambersburg, Pa.	1	1	0
CHANCE, LOUIS M.	Georgetown, Pa.	1	1	0
CHECKERBOARD SEED STORE	Coudersport, Pa.	4	4	0
CLARION CO. FARM BUR. COOP. ASSOC.	Clarion, Pa.	8	8	0
CLARK & SON, ALEX	Elderton, Pa.	2	2	0
COCHRAN & ALLEN	Carlisle, Pa.	2	2	0
COCHRANTON COOP. ASSOC.	Cochranton, Pa.	5	5	0
CODORUS & MANHEIM FARMERS' EX.	Glenville, Pa.	1	1	0
COHICK, J. J.	Salladasburg, Pa.	1	1	0
COLLEGEVILLE MILLS	Collegeville, Pa.	2	2	0
COOK & SON, R.	Elverson, Pa.	1	1	0
CORCELIUS HARDWARE	Huntingdon, Pa.	2	0	2
CRAWFORD, FRED	Everett, Pa.	3	2	1
CRAWFORD & SONS, FRED	Berlin, Pa.	2	2	0
CRESSON FLOUR & FEED CO.	Cresson, Pa.	3	3	0
CRITCHLOW & BRYAN	Prospect, Pa.	1	1	0
CUMBERLAND VALLEY COOP. ASSOC.	Mechanicsburg, Pa.	1	1	0
CUMBERLAND VALLEY COOP. ASSOC.	Shippensburg, Pa.	1	1	0
CUPP FEED COMPANY	Somerset, Pa.	9	9	0
CURRY SUPPLY CO.	Curryville, Pa.	9	9	0
DAVIS COAL & SUPPLY CO.	New Castle, Pa.	7	7	0
DEHOFF, J. A.	Maytown, Pa.	1	1	0
DEITZ-MOONEY HARDWARE CO.	Clarion, Pa.	7	7	0
DERSHAM, LEWIS H.	Mifflinburg, Pa.	3	2	1
DeTURK, J. W.	Kutztown, Pa.	2	2	0
DIAMOND MILLING COMPANY	New Brighton, Pa.	4	4	0
DIEFENDERFER & SON	Sharpsville, Pa.	3	3	0
DIEFENDERFER, M. E.	Bechtelsville, Pa.	1	1	0
DIETRICK, G. M.	Williamson, Pa.	1	0	1
DOVER FARMERS' COOP. ASSOC.	Dover, Pa.	1	1	0
DREER, INC., HENRY A.	Philadelphia, Pa.	3	3	0
DUNCANNON FLOUR MILLS	Duncannon, Pa.	1	1	0
DUNHAM, R. J.	Wellsboro, Pa.	3	3	0
DYSONS & SONS, H. P.	New Bloomfield, Pa.	2	1	1
EAST TITUSVILLE MILLING CO.	Titusville, Pa.	4	4	0
EASTERN STATES FARMERS EX.	Annville, Pa.	1	1	0
EASTERN STATES FARMERS EX.	Butler, Pa.	8	8	0
EASTERN STATES FARMERS EX.	Collegeville, Pa.	3	3	0
EASTERN STATES FARMERS EX.	Curryville, Pa.	4	4	0
EASTERN STATES FARMERS EX.	New Castle, Pa.	6	6	0
EASTERN STATES FARMERS EX.	Quarryville, Pa.	3	3	0
EASTERN STATES FARMERS EX.	Somerset, Pa.	5	5	0
EBY, ELMER	Lititz, Pa.	1	1	0
EDWARDS HARDWARE COMPANY	Ebensburg, Pa.	5	5	0
EMERICK, J. P.	Hamburg, Pa.	1	1	0
ENGLAND FARM EQUIPMENT COMPANY	Bedford, Pa.	4	4	0
ERIE COOP. MILK PRODUCERS	Erie, Pa.	10	10	0
ERIE COOP. MILK PRODUCERS	Union City, Pa.	2	2	0
ERB & HENRY	New Berlinville, Pa.	1	1	0
EVERETT HARDWARE COMPANY	Everett, Pa.	1	1	0
EVERETT, J. E.	Vicksburg, Pa.	3	3	0
FARM SERVICE CO.	Butler, Pa.	10	10	0
FARM SERVICE CO.	Hydetown, Pa.	6	6	0
FARM SERVICE CO.	Oil City, Pa.	7	7	0
FARM SERVICE CO.	Wellsboro, Pa.	2	2	0
FARMERS FEED & SUPPLY CO.	Butler, Pa.	4	4	0
FARMERS FEED & SUPPLY CO.	East Brady, Pa.	2	2	0
FRANKLIN FEED & SUPPLY CO.	Franklin, Pa.	4	4	0
FARMERS FEED & SUPPLY CO.	Sharpsburg, Pa.	5	5	0

TABLE III - RETAILERS OF FARM SEEDS, FROM WHOM SAMPLES WERE COLLECTED IN THE ENFORCEMENT OF THE PENNSYLVANIA SEED LAW, 1941 (Continued)

RETAILER	ADDRESS	SAMPLES COLLECTED TOTAL	LEGAL	ILLEGAL
FARMERS HARDWARE	Bedford, Pa.	2	1	1
FARMERS SUPPLY COMPANY	Lancaster, Pa.	3	3	0
FARMERS SUPPLY COMPANY	New Castle, Pa.	6	6	0
FELMEL, ELMER A.	Cross Roads, Pa.	2	2	0
FENSTERMACKER, C. F.	Kutztown, Pa.	2	2	0
FETZER BROTHERS	Brookville, Pa.	6	6	0
FICKES, STANLEY	Newport, Pa.	1	1	0
FIGLEY & COMPANY, J. H.	Aliquippa, Pa.	5	5	0
FISHER & SON	West Chester, Pa.	4	4	0
FLICKINGER, H. S.	Strausstown, Pa.	1	1	0
FREYERMUTH MILLS	Franklin, Pa.	6	4	2
FREYERMUTH & SON, G. A.	Greenville, Pa.	4	4	0
FREYERMUTH & SON, G. A.	Grove City, Pa.	4	4	0
FREYERMUTH & SON, G. A.	Sandy Lake, Pa.	6	6	0
FRUIT GROWERS OF CHESTER COUNTY	West Chester, Pa.	3	3	0
FRUIT OHL COMPANY	Sharon, Pa.	1	1	0
FULTON, C. P.	Northbrook, Pa.	3	3	0
FURRY, P. B.	Loysburg, Pa.	5	4	1
FUS COMPANY, LOUIS	Reynoldsville, Pa.	4	4	0
GEHMAN BROTHERS	Denver, Pa.	1	1	0
GEHMAN, A. O.	Coopersburg, Pa.	2	2	0
GEISLER, J. H.	Trexlertown, Pa.	2	2	0
GENERAL MILLS	Johnstown, Pa.	12	11	1
GERHART & SON, E. H.	Jonestown, Pa.	2	2	0
GILLAN, HARRY	Greencastle, Pa.	1	1	0
GILSON'S CASH FEED MILLS	North Warren, Pa.	1	1	0
GIPES FERTILIZER PLANT	Lebanon, Pa.	2	2	0
G. L. F. COOP. ASSOC.	Coudersport, Pa.	2	2	0
G. L. F. COOP. ASSOC.	Galeton, Pa.	2	2	0
G. L. F. MILLS	Honesdale, Pa.	11	11	0
G. L. F. COOP. ASSOC.	Mansfield, Pa.	1	1	0
GLASS COMPANY, C. L.	Oley, Pa.	2	2	0
GLAZIER, KENNETH	McConnellsburg, Pa.	1	0	1
GOOD, HOWARD	Terre-Hill, Pa.	1	1	0
GOODMAN, C. H.	Honeybrook, Pa.	6	6	0
GOODMAN, ROSS E.	Huntingdon, Pa.	2	2	0
GRAMMES, R. W.	Orefield, Pa.	4	4	0
GRAYBILL & SON, I. B.	Refton, Pa.	1	1	0
GREEN, J. A.	Little Gap, Pa.	4	4	0
GROFF'S HARDWARE	New Holland, Pa.	1	1	0
GRUBB & BRENNEMAN	Elizabethtown, Pa.	2	2	0
HAAS, BEN	Chapmans, Pa.	1	1	0
HARRIS CASH FEED STORE	Tidioute, Pa.	4	4	0
HARRISON, NEIL S.	Forks, Pa.	19	19	0
HARRISVILLE MILLING CO.	Harrisville, Pa.	5	5	0
HART, W. W.	Morris, Pa.	2	2	0
HARTMAN, CARL	Lynnport, Pa.	1	1	0
HARTZELL SON & CO., F. D.	Chalfont, Pa.	2	2	0
HAUCK, CHARLES E.	Kutztown, Pa.	2	2	0
HEETER, W. E.	Clarion, Pa.	2	2	0
HENNINGER, M. G.	Berrysburg, Pa.	1	1	0
HENRY, ARTHUR C.	Seven Valleys, Pa.	1	1	0
HENSEL, GEORGE W.	Quarryville, Pa.	1	1	0
HERBER, M. A.	Hoafsville, Pa.	3	3	0
HERBSTER, A. J.	Laurelton, Pa.	3	3	0
HERR & BROTHER, A. L.	Quarryville, Pa.	1	1	0
HERR, C. A.	Columbia, Pa.	1	1	0
HERSHEY ESTATES	Hershey, Pa.	1	1	0
HERTZOG, H. F.	Reading, Pa.	2	2	0
HESPENSHEIDE & THOMPSON	York, Pa.	1	1	0
HESS, A. W.	Hessdale, Pa.	1	1	0
HESS, JOHN J.	Kinzers, Pa.	1	1	0
HESS, P. O.	Cherryville, Pa.	1	1	0
HILDERBRAND FLOUR & SEED COMPANY	New Brighton, Pa.	3	3	0

TABLE III - RETAILERS OF FARM SEEDS, FROM WHOM SAMPLES WERE COLLECTED IN THE ENFORCEMENT OF THE PENNSYLVANIA SEED LAW, 1941 (Continued)

RETAILER	ADDRESS	SAMPLES COLLECTED TOTAL	LEGAL	ILLEGAL
HOFFMAN, INC., A. H.	Landisville, Pa.	24	24	0
HOMSHER, FRED L. & JOHN E.	Strasburg, Pa.	2	2	0
HONESDALE FLOUR & FEED CO.	Honesdale, Pa.	5	5	0
HORN & CO., D. E.	York, Pa.	2	2	0
HORN & CO., D. F.	Red Lion, Pa.	1	1	0
HOSTETTER, J. B.	Mt. Joy, Pa.	1	1	0
HOUCK & SON, E. J.	Bangor, Pa.	7	7	0
HOWELL'S SONS, L. A.	Morrisville, Pa.	2	2	0
HUBER, IRVIN S.	Schaefferstown, Pa.	2	2	0
HUGHES FEED STORE	Butler, Pa.	5	5	0
HUSTON HARDWARE	Harrisville, Pa.	7	7	0
HUTCHISON & CO., F. W.	New Castle, Pa.	4	4	0
JAMES, RUSSELL	Elverson, Pa.	4	4	0
JOHNSON BROTHERS	Kresgeville, Pa.	3	3	0
JOHNSON BROTHERS	Youngsville, Pa.	5	5	0
JOHNSON & SON, J. W.	Albion, Pa.	5	5	0
JONESTOWN MILLING CO.	Jonestown, Pa.	1	1	0
JORDINE HARDWARE	Clarion, Pa.	3	3	0
KALB, GRACE C.	Sunbury, Pa.	2	2	0
KALBACH, C. S.	Newville, Pa.	1	1	0
KARPER, H. H.	Shartlesville, Pa.	1	1	0
KEEFE, D.	Dushore, Pa.	8	8	0
KEEN & SON, E. H.	Parkesburg, Pa.	3	3	0
KELDER & SON, T. A.	Dushore, Pa.	6	6	0
KELLEY, J. P.	Cooperstown, Pa.	1	1	0
KELLY MILLING COMPANY, JAMES M.	Titusville, Pa.	4	4	0
KERN & MOSER	Neffs, Pa.	3	3	0
KENNEDY & SONS, J. J.	Zelienople, Pa.	4	4	0
KIEFER, J. M.	Easton, Pa.	1	1	0
KINDT & SCHWOYER	Red Hill, Pa.	3	3	0
KINTER & GROVE	Dillsburg, Pa.	1	1	0
KIRK-HUTTON COMPANY	New Castle, Pa.	3	3	0
KISER HARDWARE COMPANY	Shippensville, Pa.	4	4	0
KLEPSER, J. ELVIN	Hollidaysburg, Pa.	3	3	0
KLEINBACH, FRED	Green Lane, Pa.	1	1	0
KLINE, JOHN D.	Shartlesville, Pa.	1	1	0
KLINES FLOUR MILLS	Brookville, Pa.	7	6	1
KNERR & MATTERN	West Point, Pa.	1	1	0
KNEER, EDGAR E.	Kreidersville, Pa.	1	1	0
KNOBE COMPANY	Turtle Creek, Pa.	1	1	0
KOCH & SON, FRANK	Butler, Pa.	2	2	0
KOSTENBADER, R. S.	Belfast, Pa.	1	1	0
KREBS, JOHN P.	Codorus, Pa.	1	1	0
KREIBEL, S. C.	West Point, Pa.	1	1	0
KRENTZ CREEK VALLEY FARMERS COOP. ASSOC.	York, Pa.	1	1	0
KRING, HARRY	Adamstown, Pa.	1	1	0
KROME, A. E.	Gilbert, Pa.	13	13	0
KUHN, W. H.	Hooker, Pa.	5	5	0
KUNKLE, W. D.	Kresgeville, Pa.	5	5	0
KUNSMAN, K.	Hellertown, Pa.	1	0	1
LANDIS' SONS, H. G.	Reading, Pa.	5	5	0
LANDRETH SEED COMPANY	Bristol, Pa.	3	3	0
LATSHAW, D. H.	Bechtelsville, Pa.	1	0	1
LAWRENCE HARDWARE COMPANY	Turtle Creek, Pa.	1	1	0
LEAMAN'S SEED & POTATO HOUSE	Lancaster, Pa.	8	8	0
LEBANON HARDWARE COMPANY	Lebanon, Pa.	2	2	0
LEE SUPPLY COMPANY	Sharpsville, Pa.	5	5	0
LEHIGH EXCHANGE	Germansville, Pa.	3	3	0
LENHART, C. H.	W. Leesport, Pa.	1	1	0
LEPLEY & SHIEVER	Prospect, Pa.	6	6	0
LEVENGOOD EST., L. R.	Pottstown, Pa.	3	3	0
LONG, H. H.	Liverpool, Pa.	1	1	0
LONG, R. K.	Bergey, Pa.	2	2	0

TABLE III - RETAILERS OF FARM SEEDS, FROM WHOM SAMPLES WERE COLLECTED IN THE ENFORCEMENT OF THE PENNSYLVANIA SEED LAW, 1941 (Continued)

RETAILER	ADDRESS	SAMPLES COLLECTED TOTAL	LEGAL	ILLEGAL
LOSCH SUPPLY COMPANY	Jersey Shore, Pa.	1	1	0
MACKEY LUMBER COMPANY	Oxford, Pa.	3	3	0
MANCHESTER GRANGE COOP. ASSOC.	Emigsville, Pa.	1	1	0
MANIFOLD, W. E.	Fawn Grove, Pa.	2	2	0
MARBURGER, H. D.	Rehrersburg, Pa.	2	2	0
MARKEY'S FEED STORE	Lebanon, Pa.	1	1	0
MARTIN, H. H.	Manheim, Pa.	4	4	0
MAULE COMPANY, WM. HENRY	Philadelphia, Pa.	6	6	0
MAURHOFF, G. W.	Saxonburg, Pa.	5	5	0
MAXWELL & SON, J. W.	Downingtown, Pa.	3	3	0
MAYERINK MILLING COMPANY	Columbus, Pa.	3	3	0
MAYS SEED COMPANY	Weiser Park, Pa.	6	6	0
McCAMENT, A. M.	Knox, Pa.	2	2	0
McCOLLOUGH, JAMES	Kittanning, Pa.	7	7	0
McCOMSEY, CHARLES J.	Hickory Hill, Pa.	1	1	0
McCONNELL & WATERSON	Kittanning, Pa.	4	4	0
McILROY, F. L.	Utica, Pa.	4	4	0
METZGER SUPPLY COMPANY	Bedford, Pa.	5	5	0
MEYERS HARDWARE	Waterford, Pa.	3	3	0
MICHELL COMPANY, HENRY F.	Philadelphia, Pa.	8	8	0
MILLER BROTHERS	Erie, Pa.	4	4	0
MILLER BROTHERS HARDWARE	Tyrone, Pa.	3	3	0
MILLER HARDWARE, C. H.	Huntingdon, Pa.	3	3	0
MILLER, CHARLES F.	Greencastle, Pa.	1	1	0
MILLER, E. G.	Girard, Pa.	6	6	0
MILLER, GEORGE	Nazareth, Pa.	1	1	0
MILLERSBURG MILLING COMPANY	Millersburg, Pa.	1	1	0
MILLERSVILLE SUPPLY COMPANY	Mountville, Pa.	1	1	0
MILLERSVILLE SUPPLY COMPANY	Millersville, Pa.	1	1	0
MINNER & LAMB	New Wilmington, Pa.	8	7	1
MITCHELL & GRAHAM	Emlenton, Pa.	6	6	0
MONACA ROLLER MILLS	Monaca, Pa.	2	2	0
MONTGOMERY BUILDING & SUPPLY CO.	Grove City, Pa.	7	7	0
MORRIS, WALTER A.	Everett, Pa.	5	5	0
MORRISON, HARRY	Corsica, Pa.	1	0	1
MORROW, W. C.	Tyrone, Pa.	5	4	1
MORTIMORE, C. C.	Rimersburg, Pa.	2	2	0
MOYER, L. L.	Cochranville, Pa.	1	1	0
MUMMA, L. W.	Florin, Pa.	1	1	0
MUNDIS & SONS, W. F.	Emigsville, Pa.	1	1	0
MURPHY, W. H.	Mechanicsburg, Pa.	1	0	1
MURRAY COMPANY	Honesdale, Pa.	7	7	0
MUSSER, A. B.	Bowmansville, Pa.	1	1	0
MYERS, R. P.	Malvern, Pa.	1	1	0
NAZARETH HARDWARE COMPANY	Nazareth, Pa.	1	1	0
NAZARETH LUMBER COMPANY	Nazareth, Pa.	1	1	0
NELSON, L. R.	Greenville, Pa.	5	5	0
NEWCOMER, CHARLES	York, Pa.	1	1	0
NEWCOMER, H. S.	Mt. Joy, Pa.	1	1	0
NEWHEASER & SON, JONAS J.	Bird-in-Hand, Pa.	1	1	0
NICKEL PLATE FLOUR MILL	Erie, Pa.	10	10	0
NISSLEY & SON, J. C.	Lincoln, Pa.	2	2	0
NOLAN, JOHN	Malvern, Pa.	5	5	0
NORTHAMPTON FARM BUR. COOP. ASSOC.	Tatamy, Pa.	6	6	0
NEW FARMERS' EXCHANGE	Quarryville, Pa.	2	2	0
OBERT, H. L.	Dushore, Pa.	3	2	1
OBERHOLTZER, A. L.	Graterford, Pa.	1	1	0
OESTERLING & SON, P. J.	Butler, Pa.	8	7	1
OESTERLING &SON, P. J.	Hooker, Pa.	4	4	0
OESTERLING & SON, P. J.	Knox, Pa.	5	5	0
OESTERLING & SON, P. J.	Slippery Rock, Pa.	7	7	0
OIL CITY MILLING COMPANY	Oil City, Pa.	5	5	0
OMWAKE & OLIVER	Greencastle, Pa.	2	2	0
OSWALD & SON	Slatedale, Pa.	1	1	0

TABLE III - RETAILERS OF FARM SEEDS, FROM WHOM SAMPLES WERE COLLECTED IN THE ENFORCEMENT OF THE PENNSYLVANIA SEED LAW, 1941 (Continued)

RETAILER	ADDRESS	SAMPLES COLLECTED TOTAL	LEGAL	ILLEGAL
OWEN, ROBERT	Duncannon, Pa.	1	1	0
OWINGS BROTHERS	York, Pa.	1	1	0
OWINGS BROTHERS	East Berlin, Pa.	1	1	0
OXFORD GRAIN & HAY COMPANY	Oxford, Pa.	5	5	0
OYLER & SPANGLER	Gettysburg, Pa.	2	2	0
PAOLI COAL & SUPPLY COMPANY	West Chester, Pa.	2	2	0
PASSMORE SUPPLY COMPANY	Oxford, Pa.	2	2	0
PASSMORE SUPPLY COMPANY	Avondale, Pa.	1	1	0
PAUL, CHESTER H.	Saxonburg, Pa.	3	3	0
PAXTON FLOUR & FEED COMPANY	Harrisburg, Pa.	1	1	0
PENNSYLVANIA FARM BUR. COOP.ASSOC.	Butler, Pa.	8	8	0
PENNSYLVANIA FARM BUR. COOP.ASSOC.	Chapman's, Pa.	5	5	0
PENNSYLVANIA FARM BUR. COOP.ASSOC.	Hanover, Pa.	1	1	0
PENNSYLVANIA FARM BUR. COOP.ASSOC.	West Chester, Pa.	10	10	0
PENNSYLVANIA FARM BUR. COOP.ASSOC.	West Lebanon, Pa.	3	3	0
PEOPLE'S CASH FEED STORE	Mercersburg, Pa.	2	1	1
PETER'S CASH FEED STORE	Youngsville, Pa.	4	4	0
PHILLIPS, RALPH V.	Germansville, Pa.	1	1	0
PHILADELPHIA SEED COMPANY	Philadelphia, Pa.	9	9	0
PLATT & COMPANY, FRANK L.	Spartensburg, Pa.	3	3	0
POTTSTOWN ROLLER MILLS	Pottstown, Pa.	3	3	0
PRESTONS, INC.	Mansfield, Pa.	3	3	0
QUINBY, WILMOT	Solebury, Pa.	2	2	0
RAMSEY BROTHERS	Grove City, Pa.	1	1	0
RED LION SUPPLY COMPANY	Red Lion, Pa.	1	1	0
REESER, W. D.	Yellow House, Pa.	1	1	0
REICHERT, M. M.	Landis Store, Pa.	1	1	0
REIGER ESTATE, G. L.	East Brady, Pa.	3	3	0
RENNER BROTHERS	Littlestown, Pa.	1	1	0
RICE, L. L.	Carlisle, Pa.	1	1	0
RICHARDS & MENSER	Jersey Shore, Pa.	1	1	0
RIESER, H. F.	W. Leesport, Pa.	1	1	0
RILEY & COMPANY, J. S.	New Castle, Pa.	4	4	0
RIMERSBURG HARDWARE COMPANY	Rimersburg, Pa.	5	5	0
RINKER, F. R.	Effort, Pa.	3	3	0
ROBINSON BROTHERS	Delta, Pa.	2	2	0
ROCHESTER SEED & SUPPLY COMPANY	Rochester, Pa.	3	2	1
RODGERS HARDWARE	Slippery Rock, Pa.	1	1	0
ROHRER & BROTHER, P. L.	Smoketown, Pa.	3	3	0
ROSENBERGER, M. S.	Milford Square, Pa.	5	5	0
ROTH MILLING COMPANY	Prospect, Pa.	9	8	1
ROUX FEED MILLS	Sharon, Pa.	5	5	0
ROWE BROTHERS	Milford, Pa.	1	1	0
RUMBAUGH'S FEED STORE	Saxonburg, Pa.	5	5	0
REYNOLDSVILLE HARDWARE	Reynoldsville, Pa.	4	4	0
S. & R. FEED COMPANY	Quakertown, Pa.	2	2	0
SACHS, J. W.	Woxall, Pa.	1	1	0
SALLINGER, D. L.	Elderton, Pa.	3	3	0
SANDY LAKE MILLS	Sandy Lake, Pa.	6	6	0
SCHAEFFER'S SEED HOUSE	Reading, Pa.	3	3	0
SCHAPPELL, J. M.	Topton, Pa.	2	2	0
SCHUCHART, R. C.	New Freedom, Pa.	2	2	0
SEABOARD SEED COMPANY	Philadelphia, Pa.	7	7	0
SEEP BROTHERS HARDWARE	Oil City, Pa.	2	2	0
SEGIWORTH, S. S.	Tionesta, Pa.	1	1	0
SEIFRIT, HARRY	Bowmansville, Pa.	1	1	0
SEMMEL & SON, L.	Bethlehem, Pa.	1	1	0
SERFASS, M. L.	Brodheadsville, Pa.	3	3	0
SHELLY & BROTHERS, H. B.	S. Perkasie, Pa.	2	2	0
SHENK, H. K.	Sheridan, Pa.	1	0	1
SHILLITO, M. E.	Dillsburg, Pa.	1	1	0
SHIPE, B. W.	Palmerton, Pa.	5	5	0
SHOEMAKER & SON, A. B.	Tullytown, Pa.	1	1	0
SHOFFER & SON, PETER	New Brighton, Pa.	5	5	0

TABLE III - RETAILERS OF FARM SEEDS, FROM WHOM SAMPLES WERE COLLECTED IN THE ENFORCEMENT OF THE PENNSYLVANIA SEED LAW, 1941 (Continued)

RETAILER	ADDRESS	SAMPLES COLLECTED TOTAL	LEGAL	ILLEGAL
SHONANAN, S. L.	Honeybrook, Pa.	3	3	0
SHORTLIDGE, HARVEY G.	Kelton, Pa.	2	2	0
SHORTLIDGE, O. W.	Lincoln University	1	1	0
SIBBLE, M. E.	St. Petersburg, Pa.	6	5	1
SIMKIN, R. D.	Corsica, Pa.	1	1	0
SIMPSON & SON	Norristown, Pa.	6	6	0
SIMPSON ESTATE, JOHN G.	Huntingdon, Pa.	4	3	1
SINGMASTER, J. H.	Macungie, Pa.	3	3	0
SITLER, ROY J.	East Prospect, Pa.	1	1	0
SLAUGENHAUPT, T. R.	Sligo, Pa.	4	4	0
SLIGO HARDWARE	Sligo, Pa.	2	2	0
SMILEY, A. M.	Kimberton, Pa.	3	3	0
SMITH, W. M.	Conestoga, Pa.	1	1	0
SMITH MILLING COMPANY, R. A.	Northampton, Pa.	1	1	0
SNOWDEN, H. C.	Media, Pa.	1	1	0
SNYDER IMPLEMENT COMPANY	Kittanning, Pa.	2	2	0
SNYDER & SON, B. C.	Williamson, Pa.	1	1	0
SNYDER, PAUL	Greenville, Pa.	6	5	1
SOHLI, W. E.	Harmony, Pa.	5	5	0
SOMERSET FARM BUR. COO. ASSOC.	Somerset, Pa.	5	5	0
SOMERSET FERTILIZER COMPANY	Somerset, Pa.	6	6	0
SOMERSET MILLING COMPANY	Somerset, Pa.	5	5	0
SPANGLER BROTHERS	Rossville, Pa.	1	1	0
SPENCERS CASH MILLS	Corry, Pa.	3	3	0
SPENCERS CASH MILLS	Spartensburg, Pa.	3	3	0
STEMLER HARDWARE COMPANY	Palmerton, Pa.	3	3	0
STERNER, W. T.	Hanover, Pa.	2	2	0
STICHTER'S HARDWARE COMPANY	Reading, Pa.	1	1	0
STRAW, FRED D.	Muncy Valley, Pa.	4	4	0
SUNDAY, PAUL O.	Carlisle, Pa.	3	3	0
SUNSHINE FEED COMPANY	Chambersburg, Pa.	1	1	0
SUNSHINE FEED COMPANY	Dillsburg, Pa.	2	2	0
SUNSHINE SEED COMPANY	Lititz, Pa.	2	2	0
SUNSHINE FEED STORE	Sunbury, Pa.	2	2	0
SUNSHINE FEED COMPANY	West Chester, Pa.	3	3	0
SWANK HARDWARE	Johnstown, Pa.	3	3	0
SWOOPE, LAWRENCE P.	Duncansville, Pa.	3	3	0
SWOPE, D. A.	Myerstown, Pa.	2	2	0
SWITZGABLE BROTHERS	Brodheadsville, Pa.	5	5	0
TANAGER, J. C.	Hanover, Pa.	1	1	0
TAPPERSON SEED COMPANY	Allentown, Pa.	4	4	0
TEMPLE, HOWARD C.	New Wilmington, Pa.	3	3	0
THOMPSON, C. R.	Gettysburg, Pa.	1	1	0
THOMPSON & SON, W. B.	Waynesboro, Pa.	1	1	0
TIONESTA MILLING COMPANY	Tionesta, Pa.	6	6	0
TREESLER, FRANK	Warren, Pa.	4	4	0
TRIBBY HARDWARE COMPANY	West Middlesex, Pa.	4	4	0
TRIMLEY & SON, JACOB	Linfield, Pa.	2	2	0
TURNER, RUSSEL E.	Manns Choice, Pa.	1	1	0
ULRICH, ROSS	Peach Bottom, Pa.	1	1	0
UMBERGER, W. H.	Lebanon, Pa.	1	1	0
UNION CITY COOP. ASSOC.	Union City, Pa.	6	6	0
VALLEY CASH FEED STORE	Turtle Creek, Pa.	3	3	0
VAN BUSKIRK BROTHERS	Pottstown, Pa.	1	1	0
VOLANT MILLS	Volant, Pa.	4	4	0
WAGNER BROTHERS	Hummelstown, Pa.	1	0	1
WALBERTS, L. B.	Hancock, Pa.	1	1	0
WALKER BROTHERS	Chambersburg, Pa.	2	2	0
WALKER & SON, J. C.	Gap, Pa.	1	1	0
WALTER & JACKSON, INC.	Christiana, Pa.	1	1	0
WALTER COMPANY, R. D.	New Castle, Pa.	4	4	0
WALTON HARDWARE, G. W.	Beaver, Pa.	1	1	0
WALTON, H. M.	Belfry, Pa.	2	2	0
WEAVER, W. H.	Dalmatia, Pa.	2	2	0

TABLE III - RETAILERS OF FARM SEEDS, FROM WHOM SAMPLES WERE COLLECTED IN THE ENFORCEMENT OF THE PENNSYLVANIA SEED LAW, 1941 (Concluded)

RETAILER	ADDRESS	SAMPLES COLLECTED TOTAL	LEGAL	ILLEGAL
WEAVER, W. S.	Easton, Pa.	2	2	0
WEIRBACH'S SONS, J. S.	Pleasant Valley, Pa.	1	1	0
WEISS, CHARLES Z.	Avon, Pa.	1	1	0
WEISSPORT GRAIN ELEVATOR CO.	Weissport, Pa.	3	3	0
WELLS, E. M.	Parkerford, Pa.	5	5	0
WENGER, MONROE N.	Birdsboro, Pa.	2	2	0
WENTZEL & SON, H. H.	New Port, Pa.	1	1	0
WENTZEL & SON, H. R.	Landisburg, Pa.	1	1	0
WEST MANHEIM UNITED FARMERS	Hanover, Pa.	1	1	0
WEST SIDE FEED & SEED COMPANY	Erie, Pa.	7	7	0
WEST, H. G.	Slippery Rock, Pa.	9	8	1
WHITENIGHT & SONS, INC., M. P.	Bloomsburg, Pa.	7	7	0
WILDENSTEIN, KARL	Aldenville, Pa.	15	15	0
WILLIAMS, E. W.	Elderton, Pa.	4	4	0
WILSON & COMPANY	Grove City, Pa.	6	5	1
WILSON, J. P.	Rimersburg, Pa.	2	2	0
WINELAND, G. B.	Martinsburg, Pa.	3	3	0
WISE, JOHN W.	Harmony, Pa.	4	4	0
WITMER, ELI	Lampeter, Pa.	1	1	0
WOLGEMUTH BROTHERS	Florin, Pa.	1	1	0
YEARSLEY & SON, M. S.	West Chester, Pa.	3	3	0
YOST & SON, FRANKLIN S.	Pleasant Valley, Pa.	1	1	0
ZIEGENFUS, JESSE	Aquashicola, Pa.	4	4	0
ZIMMERMAN & SONS, W. L.	Intercourse, Pa.	1	1	0
ZUG, JOHN L.	Richland, Pa.	2	1	1

TABLE IV - SEED SAMPLES ANALYZED AND TESTED FOR FARMERS AND SEEDSMEN, FOR WHICH A FEE OF TWENTY-FIVE CENTS PER SAMPLE WAS PAID.

	Lab. No.	Pure Seed %	Crop Seed %	Inert Matter %	Weed Seed %	No. Weed Seeds per Ounce	Germ. %	Hard Seed %
Alfalfa								
	B400352	99.89	----	0.09	0.02	6	69.50	22.00
	B400392	99.41	0.23	0.35	0.01	4	78.50	5.75
	B410019	99.84	0.03	0.06	0.07	17	64.00	22.25
	B410020	99.88	0.03	0.06	0.03	11	66.00	24.25
	B410027						91.25	1.00
	B410028						85.00	2.50
	B410029						81.25	3.50
	B410040	99.70	----	0.12	0.18	79	78.00	13.00
	B410041	99.25	0.02	0.32	0.41	50	72.00	13.25
	B410042	99.11	----	0.68	0.21	57	68.00	15.00
	B410082	99.73	0.03	0.08	0.16	39	71.25	22.25
	B410083	99.80	0.03	0.07	0.10	23	70.75	19.50
	B410119	97.51	1.24	0.32	0.93	203	83.00	4.00
	B410126	99.86	----	0.10	0.04	11	67.50	23.50
	B410182	97.69	0.91	1.13	0.27	107	58.25	24.00
	B410205	96.24	1.48	0.16	2.12	526	56.25	14.75
	B410208	99.75	----	0.20	0.05	17	64.00	23.75
	B410224	99.60	0.03	0.28	0.09	23	82.50	1.00
Barley								
	B410091	96.53	2.79	0.49	0.19	13	5.00	----
	B410196	99.99	----	0.01	----	---	89.00	----
	B410221						98.50	----
	B410228	99.83	0.04	0.13	----	---	99.50	----
	B410229	99.01	0.24	0.75	----	---	99.00	----
	B410230	99.29	----	0.66	0.05	1	93.50	----
	B410262	97.98	0.42	1.40	0.20	25	92.00	----
Beans								
	B400376	100.00	----	----	----	---	96.00	----
Beet								
	B400372	99.97	----	0.03	----	---	92.00	----
	B400373	99.98	----	0.02	----	---	83.75	----
Bentgrass								
	B410211	98.12	0.13	1.75	0.00	---	84.75	----
Buckwheat								
	B410219	99.90	----	0.10	----	---	98.50	----
Bluegrass, Kentucky								
	B410212	76.44	----	23.01	0.55	562	53.25	----
Carrot								
	B400374	99.00	----	1.00	----	---	69.50	----
	B400375	96.66	----	3.34	----	---	68.50	----
	B410232	98.90	----	1.10	----	---	77.00	----
Clover, Alsike								
	B410001	98.83	0.59	0.49	0.09	196	74.00	19.00
	B410106	99.83	0.04	0.01	0.12	70	90.25	6.00
	B410031						83.50	7.50
	B410214	98.97	0.89	0.09	0.05	14	76.25	16.50
	B410215	99.74	0.11	0.12	0.03	14	76.00	19.50
Clover, Red								
	B400339	98.98	0.34	0.39	0.29	147	59.75	35.75
	B400340	99.91	----	0.07	0.02	6	76.50	11.25
	B400342	99.46	0.04	0.33	0.17	129	71.25	9.75
	B400343	97.56	0.01	2.34	0.09	38	58.25	27.75
	B400350	92.07	0.37	4.90	2.66	1122	71.00	17.50
	B400355	98.68	0.30	0.06	0.96	220	67.75	25.75
	B400393	99.39	0.17	0.10	0.34	84	81.50	6.75

TABLE IV - SEED SAMPLES ANALYZED AND TESTED FOR FARMERS AND SEEDSMEN, FOR WHICH A FEE OF TWENTY-FIVE CENTS PER SAMPLE WAS PAID. (Continued)

Lab. No.	Pure Seed %	Crop Seed %	Inert Matter %	Weed Seed %	No. Weed Seeds per Ounce	Germ. %	Hard Seed %
Clover, Red							
B400389	99.68	0.03	0.07	0.22	45	79.25	16.50
B400395	97.84	1.15	0.39	0.62	175	86.25	7.25
B400396	98.85	0.46	0.44	0.25	95	57.00	23.50
B400397	97.79	0.52	0.95	0.74	209	74.75	19.50
B400398	96.65	0.20	3.08	0.07	27	81.25	12.50
B410004	98.61	0.14	0.15	1.10	328	80.00	5.25
B410005	98.62	0.61	0.37	0.40	118	41.75	2.50
B410006	97.74	0.59	0.26	1.41	671	69.00	22.00
B410007	98.62	1.07	0.25	0.06	17	80.00	13.75
B410008	95.54	0.04	0.34	4.08	967	69.00	26.50
B410009	92.56	1.03	1.30	5.11	1301	67.00	10.00
B410012	90.99	2.02	4.12	2.87	1043	65.75	15.50
B410014	99.07	0.79	0.11	0.03	11	48.50	19.75
B410018	99.22	0.32	0.20	0.26	62	77.50	15.00
B410021	98.31	1.18	0.40	0.11	29	78.75	16.25
B410024	99.52	0.10	0.17	0.21	44	83.75	5.50
B410026	98.97	0.58	0.31	0.14	84	78.00	11.75
B410030						91.75	2.50
B410036	98.74	0.01	0.10	1.15	305	69.00	24.50
B410038	97.73	0.14	0.41	1.72	456	26.50	1.00
B410039	98.52	0.33	0.51	0.64	169	40.50	----
B410043	91.40	3.68	2.05	2.87	2147	61.00	20.50
B410046	99.75	0.07	0.16	0.02	12	80.25	9.75
B410047	98.24	0.99	0.27	0.50	139	79.50	6.75
B410048	99.45	----	0.23	0.32	67	80.00	11.50
B410055	96.77	1.64	0.47	1.12	433	76.25	18.25
B410057	87.70	1.70	3.90	6.70	3424	37.00	41.25
B410058	97.43	0.05	2.34	0.18	34	73.00	15.50
B410060	95.92	0.05	1.79	2.24	710	71.75	20.75
B410061	99.49	0.31	0.08	0.12	23	69.50	18.25
B410062	99.67	0.18	0.02	0.13	28	68.25	23.00
B410065	93.18	0.17	1.63	5.02	2871	61.25	20.00
B410066	98.62	0.05	0.60	0.73	142	80.50	13.00
B410067	98.70	----	0.46	0.84	332	91.25	6.50
B410068	98.98	0.06	0.48	0.48	204	75.50	14.50
B410070	96.53	2.35	0.03	1.09	316	51.25	31.25
B410071	99.80	0.04	0.03	0.13	28	66.50	26.75
B410072	99.59	0.11	0.03	0.27	56	68.25	26.75
B410073	99.13	0.14	0.05	0.68	146	65.25	30.00
B410074	99.48	0.01	0.20	0.31	96	63.75	13.00
B410076	98.87	0.12	0.52	0.49	119	83.00	8.00
B410077	99.75	0.01	0.05	0.19	51	83.00	7.00
B410079	89.87	0.14	5.30	4.69	2385	73.25	13.25
B410080	97.52	0.81	0.82	0.85	406	63.75	29.00
B410085	99.84	----	0.12	0.04	10	86.00	4.50
B410088	98.89	0.03	0.58	0.50	119	83.00	9.75
B410089	99.05	0.01	0.74	0.20	46	80.50	14.25
B410094	99.57	0.35	0.03	0.05	17	64.00	27.00
B410095	96.94	0.07	2.97	0.02	11	71.25	19.25
B410096	99.00	----	0.35	0.65	339	63.75	28.50
B410097	99.77	0.05	0.04	0.14	46	77.50	17.25
B410100	86.32	2.10	2.83	8.75	6108	57.50	19.75
B410108	95.97	0.05	0.47	3.51	880	84.25	8.50
B410110	99.25	0.02	0.32	0.41	165	67.50	21.50
B410111	99.03	0.24	0.68	0.05	29	94.25	2.75
B410112	94.43	0.32	4.04	1.21	388	89.25	5.25
B410115	99.20	0.10	0.39	0.31	79	89.00	5.00
B410116	99.77	----	0.22	0.01	6	73.00	18.50
B410117	97.50	0.42	0.49	1.59	423	69.50	21.50
B410118	94.61	0.12	1.01	4.26	1706	69.50	23.00
B410141	89.85	0.10	0.47	9.58	1661	68.50	22.25
B410142	94.06	3.87	0.56	1.51	372	76.75	12.25
B410143	96.06	0.64	0.42	2.88	996	64.00	17.75
B410144	97.67	0.88	0.09	1.36	435	71.25	24.00
B410145	99.61	0.08	0.06	0.25	124	89.00	6.50
B410147	98.22	0.13	0.25	1.40	230	75.75	16.50
B410149	93.32	0.15	3.55	2.98	1052	65.25	20.75
B410153	99.50	0.03	0.40	0.07	11	92.00	2.50
B410154	88.73	0.03	0.62	10.62	2494	72.00	14.25
B410159	94.71	0.98	0.35	3.96	1516	59.50	29.00
B410162	97.38	0.06	0.55	2.01	614	72.50	18.00
B410163	94.39	2.63	1.83	1.15	337	75.25	9.00

TABLE IV - SEED SAMPLES ANALYZED AND TESTED FOR FARMERS AND SEEDSMEN, FOR WHICH A FEE OF TWENTY-FIVE CENTS PER SAMPLE WAS PAID. (Continued)

	Lab. No.	Pure Seed %	Crop Seed %	Inert Matter %	Weed Seed %	No. Weed Seeds per Ounce	Germ. %	Hard Seed %
Clover, Red								
	B410164	99.29	0.04	0.27	0.40	193	70.00	18.00
	B410168	99.48	0.34	0.09	0.09	22	74.00	20.00
	B410183	99.44	0.18	0.32	0.06	29	82.00	15.00
	B410185	99.30	0.06	0.38	0.26	64	84.25	7.25
	B410186	90.76	1.40	0.45	7.39	2782	63.50	22.75
	B410190	98.12	0.61	0.66	0.61	232	65.75	25.00
	B410210	99.14	0.07	0.58	0.21	46	82.25	2.00
	B410234	99.36	0.35	0.05	0.24	52	80.25	14.00
	B410248	98.30	0.69	0.64	0.37	96	82.25	14.00
	B410254	98.75	0.53	0.18	0.54	152	59.75	32.00
Clover, Sweet								
	B410025	98.51	0.09	1.37	0.03	23	20.50	66.75
Clover, Sweet W.B.								
	B400341	98.54	1.41	0.05	----	---	57.00	11.75
	B410015	95.80	3.69	0.42	0.09	21	52.00	6.00
	B410032						71.50	3.25
	B410059	98.88	0.82	0.11	0.19	57	55.00	28.50
Clover, Sweet Y.B.								
	B410016	96.78	1.99	0.29	0.94	243	52.50	35.50
	B410033						50.00	1.50
Clover, White Dutch								
	B410034						71.75	5.50
Corn								
	B410037	100.00	----	----	----	----	80.50	----
	B410045						66.50	----
	B410049						89.00	----
	B410050						97.50	----
	B410051						91.00	----
	B410052						99.50	----
	B410053						96.00	----
	B410054						98.00	----
	B410056						66.00	----
	B410081	99.99	----	0.01	----	----	97.00	----
	B410093	100.00	----	----	----	----	91.00	----
	B410098	99.98	----	0.02	----	----	81.00	----
	B410099	99.96	----	0.04	----	----	93.00	----
	B410101						99.00	----
	B410104	97.54	----	2.46	----	----	88.00	----
	B410105						74.50	----
	B410109						96.00	----
	B410113						91.00	----
	B410129	100.00	----	----	----	----	67.00	----
	B410130	99.96	----	0.04	----	----	42.00	----
	B410131	99.95	----	0.05	----	----	60.00	----
	B410132	99.98	----	0.02	----	----	70.00	----
	B410133	99.98	----	0.02	----	----	73.00	----
	B410134	99.98	----	0.02	----	----	78.00	----
	B410135	100.00	----	----	----	----	72.00	----
	B410136	99.98	----	0.02	----	----	26.50	----
	B410137	99.94	----	0.06	----	----	27.50	----
	B410138	99.90	----	0.10	----	----	77.00	----
	B410139	99.97	----	0.03	----	----	77.00	----
	B410140	99.85	----	0.15	----	----	51.00	----
	B410150	99.82	----	0.18	----	----	79.50	----
	B410151	99.99	----	0.01	----	----	85.00	----
	B410165						96.50	----
	B410166						98.50	----
	B410170						81.00	----
	B410171						83.50	----
	B410172						81.50	----
	B410173						91.00	----
	B410174						88.50	----

TABLE IV - SEED SAMPLES ANALYZED AND TESTED FOR FARMERS AND SEEDSMEN, FOR WHICH A FEE OF TWENTY-FIVE CENTS PER SAMPLE WAS PAID. (Continued)

	Lab. No.	Pure Seed %	Crop Seed %	Inert Matter %	Weed Seed %	No. Weed Seeds per Ounce	Germ. %	Hard Seed %
Corn								
	B410187	99.96	----	0.04	----	----	93.00	----
	B410188	99.99	----	0.01	----	----	79.00	----
	B410189	100.00	----	----	----	----	98.00	----
	B410191	99.99	----	0.01	----	----	91.00	----
	B410192	100.00	----	----	----	----	92.00	----
	B410193	99.99	----	0.01	----	----	93.00	----
	B410194	99.96	----	0.04	----	----	85.50	----
	B410198						59.00	----
	B410200	99.98	----	0.02	----	----	97.00	----
	B410201	100.00	----	----	----	----	96.00	----
	B410203						76.00	----
	B410204						86.50	----
	B410206						77.00	----
	B410207						98.00	----
	B410220						69.00	----
	B410222						82.50	----
	B410223						45.00	----
	B410225						72.00	----
	B410226						78.00	----
Fescue, Chewings								
	B410086	99.30	0.07	0.57	0.06	42	90.25	----
Lettuce	B410216	99.96	----	0.04	----	----	49.25	----
	B410217	99.97	----	0.03	----	----	40.75	----
Millet								
	B400344	94.98	0.21	0.64	4.17	530	76.50	----
	B400345	98.06	----	0.30	1.64	181	82.75	----
	B400346	98.71	----	0.15	1.14	113	84.50	----
	B400347	98.37	----	0.37	1.26	130	86.25	----
	B400348	98.14	----	0.26	1.60	174	84.25	----
	B400349	98.31	----	0.48	1.21	140	81.25	----
	B400366	96.60	0.11	1.28	2.01	186	74.00	----
	B400367	97.06	----	0.47	2.47	243	71.25	----
	B400383	98.61	----	0.13	1.26	135	83.25	----
	B400384	98.38	----	0.42	1.20	136	80.00	----
	B400385	96.71	----	0.53	2.76	335	88.50	----
	B400386	96.86	----	0.51	2.63	255	79.75	----
	B400387	96.96	----	0.65	2.39	230	84.00	----
	B400388	98.65	----	0.22	1.13	135	83.75	----
	B400390	97.47	----	0.87	1.66	247	43.25	----
	B400391	92.78	0.16	2.05	5.01	1662	55.25	----
	B410218	97.46	----	0.77	1.77	163	60.25	----
Nasturtium								
	B400371	99.98	----	0.02	----	----	23.00	----
Oats								
	B400351	98.29	1.63	0.06	0.02	1	93.00	----
	B400356	99.53	----	0.47	----	----	95.00	----
	B400357	99.83	----	0.11	0.06	7	94.00	----
	B400358	99.48	----	0.52	----	----	91.00	----
	B400359	99.49	----	0.51	----	----	97.00	----
	B400360	99.64	----	0.29	0.07	8	91.50	----
	B400361	99.61	----	0.33	0.06	7	83.00	----
	B400362	99.83	----	0.07	0.10	11	90.00	----
	B400363	99.84	----	0.12	0.04	5	92.00	----
	B400364	99.68	----	0.25	0.07	8	77.00	----
	B400365	99.91	----	0.06	0.03	3	79.50	----
	B400368	98.84	0.94	0.18	0.04	1	98.00	----
	B400378	99.18	0.53	0.15	0.14	2	89.00	----
	B410003	97.73	1.76	0.24	0.27	6	95.00	----
	B410013	99.91	----	0.08	0.01	1	99.00	----
	B410064	97.20	2.23	0.20	0.37	8	96.00	----
	B410069	96.30	3.54	0.14	0.02	2	84.00	----
	B410075	99.70	----	0.30	----	1	99.00	----
	B410090	99.69	0.16	0.09	0.06	1	92.00	----

TABLE IV - SEED SAMPLES ANALYZED AND TESTED FOR FARMERS AND SEEDSMEN, FOR WHICH A FEE OF TWENTY-FIVE CENTS PER SAMPLE WAS PAID. (Continued)

	Lab. No.	Pure Seed %	Crop Seed %	Inert Matter %	Weed Seed %	No. Weed Seeds per Ounce	Germ. %	Hard Seed %
Oats								
	B410092	97.93	1.87	0.20	----	-----	91.50	----
	B410103	99.74	----	0.25	0.01	2	95.00	----
	B410146	98.42	0.44	1.09	0.05	7	88.00	----
	B410160	99.30	0.69	0.01	----	-----	98.00	----
	B410161	97.62	1.90	0.48	----	1	89.00	----
	B410177						98.50	----
	B410179	99.57	----	0.38	0.05	1	90.50	----
	B410180	97.65	1.06	1.24	0.05	5	88.00	----
	B410195	97.41	0.06	2.24	0.29	31	54.50	----
	B410197	99.67	0.32	0.01	----	----	95.50	----
Onion								
	B410123	99.98	----	0.02	----	----	18.50	----
	B410124	99.87	0.07	----	0.06	6	62.50	----
	B410125	99.89	----	0.11	----	----	59.25	----
Peas								
	B400370	99.47	----	0.53	----	----	85.00	1.00
Radish								
	B400369	99.04	----	0.68	0.28	12	89.25	----
	B400377	99.97	----	0.03	----	----	77.25	----
Redtop								
	B410209	95.62	0.20	3.72	0.46	2106	91.00	----
Rutabaga								
	B410107						89.00	----
Ryegrass								
	B410227	91.86	0.01	3.91	4.22	2165	90.75	----
Soybeans								
	B400353						83.50	----
	B400380	99.99	----	0.01	----	----	85.00	11.50
	B410002	98.00	0.24	1.76	----	----	87.00	1.50
	B410023	99.84	----	0.16	----	----	86.50	2.00
	B410035	99.95	----	0.05	----	----	81.50	----
	B410102						84.00	----
	B410127	99.76	----	0.24	----	----	77.50	----
	B410128	99.10	----	0.90	----	----	86.00	----
	B410148	99.98	----	0.02	----	----	88.00	----
	B410155	94.81	----	5.19	----	----	82.00	----
	B410156	98.20	----	1.79	0.01	1	87.00	.50
	B410157	99.97	----	0.03	----	----	91.50	----
	B410167	99.89	----	0.11	----	----	95.00	----
	B410169	99.92	----	0.08	----	----	95.00	----
Timothy								
	B400354	99.81	----	0.12	0.07	70	89.00	----
	B400378	92.55	3.87	3.04	0.54	548	95.25	----
	B400381	99.83	0.02	0.13	0.02	28	95.25	----
	B400394	99.68	0.06	0.26	----	----	91.25	----
	B410010	98.34	0.67	0.67	0.32	127	76.00	----
	B410011	98.99	0.19	0.71	0.11	126	78.25	----
	B410017	99.35	0.37	0.21	0.07	84	91.25	----
	B410022	89.62	1.95	0.69	7.74	7408	92.00	----
	B410044	96.46	----	0.26	3.28	1532	96.00	----
	B410078	96.43	0.08	1.46	2.03	1096	90.00	----
	B410084	99.73	0.04	0.16	0.07	98	87.00	----
	B410087	98.60	0.71	0.12	0.57	379	92.00	----
	B410114	99.16	----	0.47	0.37	281	87.50	----
	B410120	99.74	----	0.21	0.05	42	89.50	----
	B410121	99.80	0.05	0.11	0.04	28	86.50	----

TABLE IV - SEED SAMPLES ANALYZED AND TESTED FOR FARMERS AND SEEDSMEN, FOR WHICH A FEE OF TWENTY-FIVE CENTS PER SAMPLE WAS PAID. (Concluded)

	Lab. No.	Pure Seed %	Crop Seed %	Inert Matter %	Weed Seed %	No. Weed Seeds per Ounce	Germ. %	Hard Seed %
Timothy	B410122	99.71	0.12	0.15	0.02	14	92.75	----
	B410152	99.54	----	0.11	0.35	253	93.75	----
	B410158	98.44	0.15	0.11	1.30	1264	94.50	----
	B410175	99.70	0.06	0.23	0.01	28	85.75	----
	B410176	99.90	----	0.08	0.02	42	88.00	----
	B410178	99.11	----	0.15	0.74	478	92.50	----
	B410181	99.96	----	0.03	0.01	14	87.50	----
	B410184	98.88	0.02	0.03	1.07	717	96.75	----
	B410199	99.23	0.18	0.44	0.15	84	86.50	----
	B410202	99.17	0.14	0.36	0.33	281	49.75	----
	B410213	98.26	0.56	0.44	0.74	492	80.25	----
	B410231	96.28	0.08	2.59	1.05	323	88.00	----
	B410233	99.96	----	0.04	----	----	82.00	----
	B410236	99.69	0.04	0.06	0.21	98	92.75	----
	B410237	99.73	0.11	0.07	0.09	28	91.25	----
	B410240	99.37	0.16	0.26	0.21	140	85.00	----
	B410241	97.66	0.25	1.97	0.12	56	90.25	----
	B410242	99.33	0.14	0.29	0.24	267	92.00	----
	B410243	98.89	0.27	0.21	0.63	590	93.00	----
	B410244	98.24	0.09	0.95	0.72	281	88.25	----
	B410245	99.31	0.05	0.52	0.12	70	59.50	----
	B410246	98.06	0.11	0.42	1.41	506	75.00	----
	B410247	99.40	0.15	0.23	0.22	323	95.00	----
	B410249	97.14	0.13	0.73	2.00	717	94.00	----
	B410250	99.70	0.06	0.12	0.12	84	82.75	----
	B410251	96.73	----	0.75	2.52	1110	87.50	----
	B410252	99.92	0.02	0.05	0.01	14	94.50	----
	B410255	99.08	0.11	0.73	0.08	42	91.50	----
	B410256	99.22	0.13	0.08	0.57	169	92.75	----
	B410258	99.67	0.09	0.10	0.14	112	89.00	----
	B410260	98.26	0.16	0.24	1.34	702	85.75	----
	B410263	99.47	0.14	0.39	----	----	93.00	----
Wheat								
	B410235	99.45	----	0.54	0.01	1	89.00	----
	B410238	99.41	----	0.59	----	----	96.50	----
	B410239						85.00	----
	B410253	98.27	0.02	1.71	----	----	87.00	----
	B410257	98.24	----	1.76	----	----	80.00	----
	B410261	99.80	----	0.20	----	----	88.00	----

CERTIFIED SEED SAMPLES AND SAMPLES TESTED FOR OTHER STATE AGENCIES

In addition to the above work of the Seed Laboratory, 266 samples of seed were tested for the seed certification service of this Department, and 22 samples for other state agencies. Separate reports covering the various kinds and quantities of seeds certified have been issued and may be secured by writing to the Bureau of Plant Industry, Harrisburg, Pennsylvania.

The certification of small grains included wheat, oats and barley. No figures are available on the production of certified seed oats and spring barley for 1941 but for wheat we estimate a total production of 60,196 bushels and for winter barley 11,513 bushels. All such grain passing field inspection is also subject to a laboratory test for purity, weight per bushel and per cent of germination. During this year 146 samples of small grain were given this test.

A certification service covering tomato and pepper seed is also rendered by the Department. All tomato and pepper seed passing field inspection requirements is tested for germination. During 1941 the seed laboratory handled 65 samples of tomato seed and 11 samples of pepper, representing the production from 185.0 acres of tomatoes and 0.75 acres of peppers, all of which was certified. While most of this seed is purchased by southern plant producers, much of it goes to foreign countries.

The purpose of seed certification, which includes seed potatoes in addition to the crops mentioned above, is to make available a source of locally grown seed of well adapted varieties which will produce satisfactory crops under Pennsylvania conditions. While certification in itself is not a cure-all, or guarantee against crop failure, it does provide certain safeguards against serious losses resulting from the use of ordinary seeds. The following table shows the number of certified seed samples and samples tested for other state agencies:

Kind	Variety	Number of Samples	Average Purity	Average Germination
Barley				
	Beardless	4	99.84	98.00
	Kentucky #1	5	99.37	97.50
	Tennessee Winter	6	97.52	97.00
	Wisconsin #38	1	99.98	83.00
Oats				
	Cornellian	1	98.89	92.00
	Keystone	1	99.93	90.00
	Patterson	16	99.96	89.00
	Wayne	1	99.99	97.00
Pepper				
	Bloomsdale Giant	2	----	60.00
	California Wonder	2	----	78.00
	Florida Giant	1	----	71.00
	World Beater	6	----	35.00
Tomato				
	Bloomsdale Bonny	3	----	80.00
	Bonny Best	5	----	74.50
	Globe	2	----	84.00
	Greater Baltimore	5	----	77.00
	Grothens	11	----	88.00
	John Baer	1	----	65.00
	Marglobe	16	----	90.00
	Pritchard	12	----	86.00
	Rutgers	12	----	93.00
Wheat				
	Cornell	1	99.40	95.00
	Forward	17	99.76	93.00
	Fulhio	1	99.94	96.00
	Leaps Prolific	64	99.92	94.00
	Nittany	30	99.84	93.00
	Thorne	2	99.50	96.00
	Yorkwin	3	99.40	91.50

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